| Index of Claims |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |

| Application No.  | Applicant(s) |  |
|------------------|--------------|--|
| 10/796,759       | TUFTS ET AL. |  |
| Examiner         | Art Unit     |  |
| David J. Walczak | 3751         |  |

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| = | Allowed  | + | Restricted                    |

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| Claim Date      |                  |           |                            | 7   | CI           | Claim Date                                       |          |                 |                  |               | Claim Date                              |  |          |          |  |            |          |          |          |                 |               |                     |              |
|-----------------|------------------|-----------|----------------------------|---|--------------|--|----------|-----------------|------------------|---------------|---|--|----------|----------|--|------------|----------|----------|----------|-----------------|---------------|---------------------|--------------|
|                 | a                |           |                            |   |              |  |          |                 | П                |               |   |  |          | Γ        |  |            |          |          | Т        | T               |               | П                   |              |
| Final           | Original         | 4/4/05    |                            |   |              | Final  | Original |                 | 1                |               |   |  |          |          | Final  | Original   |          | -        |          |                 |               |                     |              |
| "               | ច                | 4         |                            |   |              | L L  | ő        |                 | t.               |               |   |  |          |          | <u>.                                    </u> | Ö          |          |          |          |                 |               | i i                 |              |
|                 | 1                | V         |                            |   | ⊣            | <del> </del>                                     | 51       |                 | +-+              |               |   | + +  |          | ╟        |  | 101        | $\vdash$ |          | +        | +               | $\vdash$      |                     | +            |
| <b>†</b>        | 2                | V         | <del>-   -   -   -  </del> |   | 1            |  | 52       | $\vdash$        | ╁╌╂╴             | $\dashv$      |   | t  |          | ╟        |  | 102        |          | +        | ╈        | +               | H             | <del>     </del>    | +            |
|                 | 3                | V         |                            |   | 7            |  | 53       |                 |                  | •             |   | 1  |          | -        |  | 103        |          | $\dashv$ | $\top$   | <u> </u>        | П             |                     | $\dagger$    |
|                 | 4                | ノ         |                            |   |              |  | 54       |                 |                  |               |   |  |          |          |  | 104        |          | 1        |          |                 |               |                     | T            |
|                 | 5                | U         |                            |   | _            |  | 55       |                 |                  |               |   | $\Box$   |          | Ξ        |  | 105        |          |          |          |                 |               |                     | I            |
|                 | 6                | 0         | _                          |   | _            | <u> </u>   | 56       |                 | $\sqcup$         |               |   | $\sqcup$   |          | -        |  | 106        |          | _        |          |                 |               |                     | $\perp$      |
|                 | 7                | Q         |                            |   | 4            | <b></b>  | 57       |                 | $\vdash \vdash$  |               |   | $\vdash$   |          | -        |  | 107        | _        | 4        | $\bot$   | ↓_              | $\sqcup$      |                     | $\downarrow$ |
|                 | 8                | CF        |                            |   | -            |  | 58<br>59 |                 | $\vdash$         |               |   | $\vdash$   |          | -        |  | 108        | $\dashv$ |          | +        | ╁┈              | Н             | $\vdash \vdash$     | +            |
| -               | 10               | 7         | <del>-      - </del>       | <del></del>                                       | -::::        |  | 60       |                 | <del>   </del> - |               |   | 1 1  |          | H        |  | 109<br>110 | $\dashv$ |          | +        | +-              | H             | $\vdash \vdash$     | +            |
| <b></b>         | 11               | Ė         | <del>-      -  </del>      | <del>-  -</del>                                   | -::::        |  | 61       |                 | $\vdash$         | _             | -                                       | +  |          | ┝        |  | 111        | $\dashv$ |          | +        | ╀               | Н             | $\vdash$            | +            |
|                 | 12               | Н         |                            | <del>-                                     </del> |              |  | 62       | $\dashv$        |                  |               |   | H  | -        | +        |  | 112        | $\dashv$ | _        | +        | +               | $\vdash$      | $\vdash$            | +            |
|                 | 13               |           |                            |   | 1            |  | 63       | $\neg$          |                  |               |   |  |          |          |  | 113        | 寸        | +        | +        | T               | $\Box$        |                     | +            |
|                 | 14               |           |                            |   |              |  | 64       |                 |                  |               |   |  |          | Γ        |  | 114        | $\dashv$ | $\top$   |          | $\top$          |               |                     | 十            |
|                 | 15               |           |                            |   |              |  | 65       |                 |                  |               |   | П  |          |          |  | 115        |          |          |          | Ι               |               |                     | 丁            |
|                 | 16               | Ļ         |                            |   | J            |  | 66       |                 |                  | _             |   |  |          | L        |  | 116        |          |          |          |                 |               |                     | I            |
| <u> </u>        | 17               | V         |                            |   | 4            |  | 67       |                 | <u> </u>         |               |   | $\sqcup$   | _        | L        |  | 117        |          |          | _        | _               |               |                     |              |
|                 | 18               | C         |                            |   | 4            |  | 68       |                 | $\vdash$         |               |   | $\sqcup$   | _        | L        | _  | 118        | _        | $\perp$  | ╄-       | _               |               | $\perp$             | 4            |
| <u> </u>        | 19<br>20         | 0         | <del></del>                |   | -            | <u> </u>   | 69<br>70 | $\dashv$        | $\vdash \vdash$  |               |   | $\vdash$   | -        | L        |  | 119        | $\dashv$ | -        | +        | -               | $\vdash$      | +                   | 4            |
| <del> </del>    | 21               | ۲         | <del>-     -   -  </del>   | <del>-        </del>                              | -            | -  | 71       |                 | $\vdash$         | +             | -                                       | +  | -        | ┝        |  | 120<br>121 | $\dashv$ |          | +        | ╀╌              | ╢             | +                   | +            |
|                 | 22               | H         |                            |   | -            |  | 72       |                 |                  | +             |   | $\vdash$   |          | -        |  | 122        | -        |          | ┿        | ╁               |               | +                   | +            |
|                 | 23               |           | <del>-       -  </del>     |   | 1::::        |  | 73       | <del> </del>    | $\vdash$         | $\vdash$      |   | $\vdash$   |          | $\vdash$ |  | 123        | $\dashv$ | +        | ╁        | ╁               |               | $\dashv$            | +            |
|                 | 24               |           |                            |   | 7            |  | 74       |                 |                  |               |   | H  | $\dashv$ | 1        |  | 124        | $\dashv$ | +        | ╅        | +               | $\vdash$      | $\neg$              | +            |
|                 | 25               |           |                            |   |              |  | 75       |                 |                  |               |   |  |          | Г        |  | 125        |          |          | 1        |                 | Ħ             |                     | ┪            |
|                 | 26               |           |                            |   |              |  | 76       |                 |                  |               |   |  |          |          |  | 126        |          |          |          |                 |               |                     | T            |
|                 | 27               | $\square$ |                            |   | 4            |  | 77       |                 |                  |               |   |  | _        | L        |  | 127        |          |          |          |                 |               |                     | I            |
|                 | 28               | $\dashv$  |                            |   | 4::::        |  | 78       |                 |                  | Ш             |   | $\sqcup \downarrow$                              | _        | L        |  | 128        |          | _        | $\perp$  | $oxed{igspace}$ |               |                     |              |
| <u> </u>        | 29<br>30         | $\dashv$  | <del>-   -   -  </del>     |   | -            |  | 79       |                 | $\vdash$         | +             |   | <del> </del>                                     |          | -        |  | 129        |          | -        | 4        | <u> </u>        |               | -                   | 4            |
| <u> </u>        | 31               | $\dashv$  |                            | <del></del>                                       | -            |  | 80<br>81 |                 |                  |               |   | <del>                                     </del> |          | $\vdash$ |  | 130<br>131 | $\dashv$ | +        | -        | -               | Н             | +-                  | +            |
|                 | 32               |           |                            | <del></del>                                       | 1            | Н  | 82       | _               | +                | +             | _                                       | $\vdash$   | $\dashv$ | $\vdash$ |  | 132        | $\dashv$ | +        | +        | ╁               | -             | +                   | +            |
|                 | 33               |           | <del></del>                |   | 1            |  | 83       | _               | -                | +             | +                                       | $\vdash$   | -        | $\vdash$ | $\dashv$                                     | 133        | $\dashv$ | $\dashv$ | +        | +               | -             | +                   | +            |
|                 | 34               |           |                            |   | 1            |  | 84       |                 |                  | $\top$        | $\neg$                                  | $\vdash$   | -        | $\vdash$ | $\neg +$                                     | 134        | _        | +        | +        | $\vdash$        | $\vdash$      | _                   | +            |
|                 | 35               |           |                            |   |              |  | 85       |                 |                  |               |   |  |          |          |  | 135        | $\dashv$ | _        | $\top$   |                 | П             | $\dashv$            | †            |
|                 | 36               |           |                            |   |              |  | 86       |                 |                  |               |   |  |          |          |  | 136        |          |          |          |                 |               |                     | 丁            |
| $\vdash$        | 37               | $\sqcup$  |                            |   | 4            |  | 87       |                 |                  | $\perp \perp$ |   | $\Box$   | _ :::    | L        | [  | 137        | $\Box$   |          |          |                 | Ш             |                     | I            |
| $\vdash \vdash$ | 38               |           |                            |   | 4            | <b> </b>   | 88       |                 | $\dashv$         | $\perp$       |   | $\sqcup$   | _        | L        | $\dashv$                                     | 138        | _        |          | 1        |                 |               |                     | $\perp$      |
| $\vdash$        | 39<br>40         |           |                            | <del>- - - </del> -                               | -            | $\vdash \vdash \vdash$                           | 89       |                 | $\vdash$         | +-1           |   | $\vdash \vdash$                                  | -4:::    | -        |  | 139        | 4        | +        | +-       |                 | $\vdash \mid$ | $\perp$             | 4            |
|                 | 41               | $\dashv$  | <del></del>                | <del>                                     </del>  | -            |  | 90<br>91 | $\dashv\dashv$  |                  | ++            | $\dashv$                                |  |          | -        |  | 140        | -        | +        | +        | $\vdash$        |               |                     | +            |
|                 | 42               | -         |                            | <del>- - - -</del>                                | 1            | <del>                                     </del> | 92       | +               | +                | ++            | -                                       | <del>                                     </del> | -        | $\vdash$ | $\dashv$                                     | 141<br>142 | +        | +        | ╁        | -               | $\vdash$      |                     | +            |
|                 | 43               | Ħ         | <del></del>                | <del></del>                                       | 1            | $\vdash$   | 93       | $\dashv$        |                  | +-            | -                                       | $\forall$  | -        | -        | $\dashv$                                     | 143        | $\dashv$ | +        | +        | +               | $\vdash$      | +                   | +            |
|                 | 44               |           |                            |   | 1::::        |  | 94       | $\dashv \dashv$ | $\dashv$         | +             |   | $\sqcap$   |          |          | $\dashv$                                     | 144        | $\dashv$ | +        | +        | t               | H             |                     | +            |
|                 | 45               |           |                            |   | ]            |  | 95       |                 |                  | 7 1           |   |  |          | Г        |  | 145        | +        | $\top$   | +-       | $\top$          | $\Box$        | $\neg \dagger \neg$ | 十            |
|                 | 46               | $\Box$    |                            |   | ]            |  | 96       |                 |                  |               |   |  |          |          |  | 146        |          |          | $\perp$  |                 |               |                     | 十            |
|                 | 47               |           |                            | $\bot \bot \bot$                                  |              |  | 97       | $\Box$          |                  | $\bot$        |   | $\Box$   |          | L        |  | 147        |          |          |          |                 |               |                     | I            |
|                 | 48               | _         |                            |   | 4            |  | 98       |                 |                  | +             |   |  | _        | L        |  | 148        | _        | $\perp$  | 1_       |                 | Ш             | $\bot$              | $\perp$      |
|                 | 49<br>50         | -         | <del></del>                |   |              |  | 99       |                 |                  | +             |   | $\vdash$   | -1:::    | $\vdash$ | _  | 149        | _        | - -      | $\vdash$ | <u> </u>        | $\sqcup$      | +                   | 4            |
|                 | _ <del>0</del> U | 1         | <u> </u>                   |   | <b>.</b> ∷∷: |  | 100      |                 |                  |               | نــــــــــــــــــــــــــــــــــــــ |  | ;;;      | ١L       |  | 150        |          |          | 1        | 1               | l. l          |                     | $\perp$      |